

# SNAKE RIVER – GRANDE RONDE SUMMER STEELHEAD

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## STOCK STATUS

1992 STATUS	2002 STATUS
Depressed	Unknown

## STOCK STATUS RATING DATA

There are no adequate abundance trend data for Grande Ronde summer steelhead, so their status is **Unknown** in 2002. No escapement goal has been established for this stock. Juveniles and adults must pass through eight Snake River and Columbia River dams between spawning grounds and the Pacific Ocean.

## STOCK DEFINITION

Grande Ronde summer steelhead were identified as a stock based on their distinct spawning distribution.

**SPAWNING TIMING:** Spawning takes place in the Grande Ronde River.

**SPAWNING TIMING:** Spawning generally occurs from early March through early June.

**GENETIC ANALYSIS:** Microsatellite DNA analysis suggests the presence of multiple stocks within the Grande Ronde system and has shown that the naturally spawning fish are distinct from Wallowa hatchery summer steelhead (Shaklee and Young 2000b)

## STOCK ORIGIN

This is a **mixed** stock with **composite** production. Non-native Wallowa summer steelhead have been released into the Grande Ronde since 1983. Large numbers of hatchery smolts are released from a conditioning pond on Cottonwood Creek annually. Hatchery fish are trapped at Cottonwood Creek to be used as broodstock, but all wild fish are allowed to escape and spawn naturally.